

# KOREAN PATENT ABSTRACT(KR)

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(54) TITLE OF THE INVENTION

METHOD FOR CONTROLLING AN OXYGEN SENSOR

## <Abstract>

The present invention relates to a method for controlling an oxygen sensor. A control apparatus operates a heater by a heating duty added by a compensation value obtained in consideration of a heating index of an oxygen sensor heater based on a change of an engine speed and an engine load. When the heating index is determined to be high, the control apparatus operates the heater by a heating duty subtracted by a compensation value obtained in consideration of a vehicle speed and an intake air temperature. Thereby, the present invention provides a method for controlling an oxygen sensor having an effect of reduction of exhaust gas and enhancement in durability of an oxygen sensor by a feedback control of the engine due to controlling the heating duty based on the vehicle speed and air temperature such that the temperature of a titania oxygen sensor may be maintained at a same level.